

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A polymer ~~Polymer~~ dispersion having high stability, comprising

- A) at least one dispersed polyolefin,
- B) at least one dispersing component,
- C) mineral oil and
- D) at least one compound comprising (oligo)oxyalkyl groups.

Claim 2 (Currently Amended): The polymer ~~Polymer~~ dispersion according to Claim 1, ~~characterized in that~~ wherein the component B) represents a copolymer which comprises one or more blocks A and one or more blocks X, the block A representing olefin copolymer sequences, hydrogenated polyisoprene sequences, hydrogenated copolymers of butadiene/isoprene or hydrogenated copolymers of butadiene/isoprene and styrene, and the block X representing polyacrylate-, polymethacrylate-, styrene-, α -methylstyrene ~~{sie}~~ or N-vinyl-heterocyclic sequences and/or sequences of mixtures of polyacrylate-, polymethacrylate-, styrene-, α -methylstyrene ~~{sie}~~ or N-vinyl-heterocycles.

Claim 3 (Currently Amended): The polymer ~~Polymer~~ dispersion according to Claim 1 ~~or 2, characterized in that~~ wherein the component B) is obtainable by graft copolymerization of a monomer composition comprising (meth)acrylates and/or styrene compounds onto polyolefins according to component A).

Claim 4 (Currently Amended): The polymer ~~Polymer~~ dispersion according to Claim 3, ~~characterized in that~~ wherein the polymer dispersion comprises a monomer composition is used, comprising one or more (meth)acrylates of the formula (I)



in which R denotes hydrogen or methyl and R¹ denotes hydrogen or a linear or branched alkyl radical having 1 to 40 carbon atoms,

and/or one or more (meth)acrylates of the formula (II)

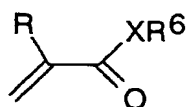


in which R denotes hydrogen or methyl and R² denotes an alkyl radical substituted by an OH group having 2 to 20 carbon atoms or denotes an alkoxyated radical of the formula (III)



in which R³ and R⁴ independently represent hydrogen or methyl, R⁵ represents hydrogen or an alkyl radical having 1 to 40 carbon atoms and n represents an integer from 1 to 90,

and/or one or more (meth)acrylates of the formula (IV)



(IV),

in which R denotes hydrogen or methyl, X denotes oxygen or an amino group of the formula -NH- or $[-\text{Nr}^7-]$ $-\text{NR}^7-$, in which R^7 represents an alkyl radical having 1 to 40 carbon atoms, and R^6 denotes a linear or branched alkyl radical substituted by at least one $-\text{NR}^8\text{R}^9$ group and having 2 to 20, preferably 2 to 6, carbon atoms, R^8 and R^9 , independently of one another, representing hydrogen, an alkyl radical having from 1 to 20, preferably from 1 to 6 [lacuna] or in which R^8 and R^9 , including the nitrogen atom and optionally a further nitrogen or oxygen atom, form a 5- or 6-membered ring which may optionally be substituted by $\text{C}_1\text{-C}_6$ -alkyl.

Claim 5 (Currently Amended): The polymer ~~Polymer~~ dispersion according to Claim 2, ~~3 or 4, characterized in that~~ wherein a monomer composition which comprises dispersing monomers is used in the grafting reaction.

Claim 6 (Currently Amended): The polymer ~~Polymer~~ dispersion according to ~~any of Claims 2 to 5~~ Claim 2, ~~characterized in that~~ wherein the weight ratio of the blocks A to the blocks X is in the range from 20:1 to 1:20.

Claim 7 (Currently Amended): The polymer ~~Polymer~~ dispersion according to ~~one or more of the preceding claims~~ Claim 1, ~~characterized in that~~ wherein the component A) comprises one or more olefin copolymers.

Claim 8 (Currently Amended): ~~The polymer~~ Polymer dispersion according to ~~one or more of the preceding claims~~ Claim 1, characterized in that wherein the component D) comprises at least one ethoxylated alcohol.

Claim 9 (Currently Amended): ~~The polymer~~ Polymer dispersion according to Claim 8, ~~characterized in that~~ wherein the ethoxylated alcohol comprises from 2 to 8 ethoxy groups, the hydrophobic radical of the alcohol comprising from 4 to 22 carbon atoms.

Claim 10 (Currently Amended): ~~The polymer~~ Polymer dispersion according to ~~one or more of the preceding claims~~ Claim 1, ~~characterized in that~~ wherein the polymer dispersion comprises from 2 to 40% by weight of component C).

Claim 11 (Currently Amended): ~~The polymer~~ Polymer dispersion according to ~~one or more of the preceding claims~~ Claim 1, ~~characterized in that~~ wherein the weight ratio of component C) to component D) is in the range from 2:1 to 1:25.

Claim 12 (Currently Amended): ~~The polymer~~ Polymer dispersion according to ~~one or more of the preceding claims~~ Claim 1, ~~characterized in that~~ wherein the polymer dispersion comprises at least 20% by weight of the component A).

Claim 13 (Currently Amended): ~~The polymer~~ Polymer dispersion according to ~~one or more of the preceding claims~~ Claim 1, ~~characterized in that~~ wherein the polymer dispersion comprises from 2 to 40% by weight of the components D).

Claim 14 (Currently Amended): ~~The polymer~~ Polymer dispersion according to ~~one or more of the preceding claims Claim 1, characterized in that~~ wherein the polymer dispersion comprises a compound which has a dielectric constant greater than or equal to 9.

Claim 15 (Currently Amended): ~~The polymer~~ Polymer dispersion according to Claim 14, ~~characterized in that~~ wherein the compound having a dielectric constant greater than or equal to 9 is selected from the group consisting of water, ethylene glycol, polyethylene glycol, ~~and/or alcohol~~ and mixtures thereof.

Claim 16 (Currently Amended): ~~The polymer~~ Polymer dispersion according to ~~one or more of the preceding claims Claim 1, characterized in that~~ wherein the polymer dispersion comprises up to 30% by weight of component B).

Claim 17 (Currently Amended): ~~A process~~ Polymer for the preparation of polymer dispersions according to ~~any of Claims 1 to 16 Claim 1, characterized in that~~ comprising dispersing the component A) ~~is dispersed~~ in a solution of components B) with application of shear forces at a temperature in the range from 80 to 180°C.

Claim 18 (Currently Amended): ~~Use of a polymer dispersion according to any of Claims 1 to 16 as an~~ An additive for lubricating oil formulations comprising the polymer dispersion as claimed in Claim 1.

Claim 19 (New): A lubricating oil comprising the polymer dispersion as claimed in Claim 1.

Claim 20 (New): A method of producing a lubricating oil comprising adding the polymer dispersion as claimed in Claim 1 to a lubricating oil formulation.